

PATENT

Docket No. 350013-66

APR 20 2000

TECH CENTER 1600/2900

I hereby certify that on February 23, 2000, which is the date I am signing this certificate, this correspondence and all attachments mentioned are being deposited in the United States Postal Service as first class in an envelope addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231.

*Joyce A. Johnson*  
Joyce A. Johnson

**In The United States Patent And Trademark Office**

In Re Application Of:

Richard A. KAY

U.S. Serial No. 09/424,091

Filing Date: November 18, 1999

Entitled: **IMMUNOLOGICAL METHOD**

Group Art Unit: 5611

Examiner: Unassigned

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KEY-2 2603  
TC 1600 MAIL ROOM

**Transmittal of Information Disclosure Statement**

Commissioner of Patents and Trademarks  
Washington, D. C. 20231

Sir:

In accordance with the Applicant's duty of disclosure toward the Patent Office, the Applicant wishes to bring to the attention of the Examiner the references noted on the attached Form PTO-1449. The references were recently cited in an International Search Report derived from PCT/GB98/01382. Enclosed for the Examiner's information are copies of the references cited in the International Search Report as well as additional documents provided by the Applicant.

CERTIFICATION

The undersigned attorney hereby certifies that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application as indicated above, not more than three months prior to the filing of this Statement.

No representation is made that a reference is "prior art" within the meaning of 35 U.S.C. §§ 102 and 103 and Applicants reserve the right, pursuant to 37 C.F.R. § 1.131 or otherwise, to establish that the references are not "prior art." Moreover, Applicants do not represent that a reference has been thoroughly reviewed or that any relevance of any portion of a reference is intended.

Consideration of the items listed is respectfully requested. Pursuant to the provisions of M.P.E.P. 609, it is requested that the Examiner return a copy of the attached Form 1449, marked as being considered and initialed by the Examiner, to the undersigned with the next official communication, and that the Examiner make the references of record as cited references in the application.

Please charge any additional fees or credit any overpayment to Deposit Account No. 16-2230.

Respectfully submitted,

Dated: February 23, 2000

  
\_\_\_\_\_  
Gary E. Lande, Reg. No. 22,222

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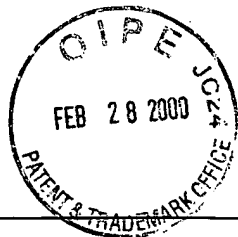
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FORM PTO-1449 (MODIFIED)

ATTY. DOCKET NO.  
350013-66SERIAL NO.  
09/424,091LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION  
DISCLOSURE STATEMENT

(USE SEVERAL SHEETS IF NECESSARY)

APPLICANT  
RICHARD A. KAYFILING DATE  
NOVEMBER 18,  
1999GROUP  
~~5611~~ 1644

## REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

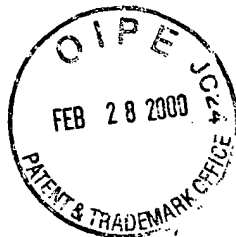
EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPRO- PRIATE
AA						

## OTHER ART (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

AD	AB	French International Publication No. WO 92/12260 dated July 23, 1992 for PCR/FR92/00014 filed Jan. 9, 1992 for Institut National de la Sante et de la Recherche Medicale (Inserm), France, and Institut Pasteur, France
AD	AC	International Publication No. WO 94/14067 dated June 23, 1994 for International Application No. PCT/US92/10779 filed Dec. 14, 1992 for T Cell Sciences, Inc.
AD	AD	International Publication No. WO 93/04695 dated March 18, 1993 for International Application No. PCT/US92/07289 filed August 27, 1992 for The Wistar Institute, Philadelphia, PA and The Trustees of the University of Pennsylvania, Philadelphia, PA
AD	AE	International Publication No. WO 98/01738 dated January 15, 1998 for International Application No. PCT/US97/10557 filed June 19, 1997 for Cornell Research Foundation, Inc., Ithaca, NY
AD	AF	(XP-000601471) "Selective Anergy of VB8+ T Cells in Human Immunodeficiency Virus-infected Individuals" by Gilles Dadaglio, <i>et al.</i> , Vol. 179, February 1994 pp. 413-424 in J. Exp. Med. © The Rockefeller University Press
AD	AG	(XP-002086693) "T-Lymphocytes that Accumulate in the Lung in Sarcoidosis Have Evidence of Recent Stimulation of the T-Cell Antigen Receptor <sup>1,2</sup> " by R. M. Du Bois <i>et al.</i> from the Pulmonary Branch, National Heart, Lung, and Blood Institute, National Institutes of Health, Bethesda, Maryland (1992) <i>Respiratory Diseases</i> 145: 1205-1211
AD	AH	(XP-002086694) "Quantitative Tracing of mRNAs for T- and B-Lymphocyte Receptor Genes in Individual Cells by In Situ Hybridization With Fluorochrome-Labeled Gene Probes. I. Expression in Malignancies Carrying B-Lineage Associated Antigen" by Pearl Mar, <i>et al.</i> , "Blood," Vol. 74, No. 2 (August 1), 1989: pp. 638-644
AD	AI	(XP-002086695) "PCR-based analysis of the TCR repertoire in human autoimmune diseases" by Christopher Marguerie, <i>et al.</i> , "Immunology Today," Vol. 13, No. 9, 1992 <i>pgs 336-338</i>
AD	AJ	"Quantitative Measurement of Human T-Cell Receptor VB Subfamilies by Reverse Transcription-Polymerase Chain Reaction Using Synthetic Internal mRNA Standards", by R. Duchmann, <i>et al.</i> , "DNA and Cell Biology", Vol. 12, No. 3, 1993 Mary Ann Liebert, Inc., Publishers, pp 217-225
AD	AK	Brief Definitive Report "Selective Expansion of T Cells Expressing VB2 in Toxic Shock Syndrome" by Yongwon Choi, <i>et al.</i> from the Departments of Pediatrics and Medicine, <i>et al.</i> , J. Exp. Med. © The Rockefeller University Press, 0022-1007/90/09/0981/04, Vol. 172, September 1990, pp. 981-984
AD	AL	"Nonrandom T-Cell Receptor JB Usage Pattern in Human CD4 <sup>+</sup> and CD8 <sup>+</sup> Peripheral T Cells" by Mahmood Jeddi-Tehrani, <i>et al.</i> , from the Department of Immunology, Karolinska Institute, Stockholm, Sweden, Human Immunology 40, 93-100 (1994) © "American Society for Histocompatibility and Immunogenetics," 1994

Form PTO-1449 Continued

U.S. Serial No. 09/424,091  
Filed November 18, 1999  
Applicant: Richard A. Kay  
Group: 5611



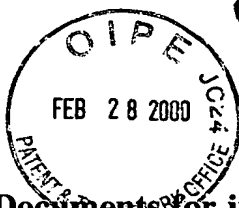
Page 2  
Attorney Docket No. 350013-66

Other art (including author, title, date, pertinent pages, etc.) - CONTINUED

	AM	"The Complete 685-Kilobase DNA Sequence of the Human $\beta$ T Cell Receptor Locus" by Lee Rowen, <i>et al.</i> , "Science," Vol. 272, 21 June 1996
AN	AN	"Characterization of T Cell Repertoire Changes in Acute Kawasaki Disease," by Jun Abe, <i>et al.</i> , J. Exp. Med. © The Rockefeller University Press, 0022-1007/93/03/0791/06, Vol. 177, March 1993, pp. 791-796
AO	AO	"Restricted Heterogeneity of T Cell Receptor Transcripts in Rheumatoid Synovium," by William V. Williams, <i>et al.</i> , J. Clin. Invest. © "The American Society for Clinical Investigation, Inc." 0021-9738/92/08/0326/08, Vol. 90, August 1992, pp. 326-333

EXAMINER	DATE CONSIDERED
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examiner: initial if reference considered, whether or not citation is in conformance with mpep 609; draw line through citation if not in conformance and not considered. include copy of this form with next communication to applicant.



**Documents for including in information disclosure statement for US  
application derived from PCT/GB98/01382**

***Documents cited in International Search Report***

1. WO 92/12260. ✓
2. WO 94/14067. ✓
3. Dadaglio *et al* (1994) *J. Exp. Med.* **179**, 413-424. ✓
4. Du Bois *et al* (1992) *Respiratory Diseases* **145**, 1205-1211. ✓
5. Mar *et al* (1989) *Blood* **74**, 638-644. ✓
6. Marguerie *et al* (1992) *Immunol. Today* **13**, 336-338. ✓
7. WO 98/01738. ✓
8. WO 93/04695. ✓

***Additional documents***

9. Duchmann *et al* (1993) *DNA and Cell Biology* **12**, 217-225. - QM442.D2
10. Choi *et al* (1990) *J. Exp. Med.* **172**, 981-984. + microfilm
11. Jeddi-Tehrani *et al* (1994) *Human Immunol.* **40**, 93-100. microfilm
12. Rowen *et al* (1996) *Science* **272**, 1755-1762.
13. Abe *et al* (1993) *J. Exp. Med.* **177**, 791-796. microfilm
14. Williams *et al* (1992) *J. Clin. Invest.* **90**, 326-333. wwww